

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083122AR\
 Data File : FD043787.D
 Signal(s) : FID2B.ch
 Acq On : 31 Aug 2022 17:21
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2022
 Supervised By :Ankita Jodhani 09/01/2022

Integration File: autoint1.e
 Quant Time: Sep 01 06:47:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.441	3251652	18.820 ug/ml
Spiked Amount 50.000		Recovery =	37.64%
6) S 2-Fluorobiphenyl (SURR)	8.296	1997156	19.854 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.71%
11) S ortho-Terphenyl (SURR)	11.328	3750311	17.926 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.248	3777683	18.969 ug/ml
2) T Naphthalene (C11.7)	5.780	3685875	18.338 ug/ml
3) T 2-Methylnaphthalene (...)	6.827	3337116	18.488 ug/ml
5) T Acenaphthylene (C15.06)	8.098	3639049	18.205 ug/ml
7) T Acenaphthene (C15.5)	8.390	3832254	17.828 ug/ml
8) T Flouorene (C16.55)	9.171	3479957	18.152 ug/ml
9) T Phenanthrene (C19.36)	10.562	3315218	18.436 ug/ml
10) T Anthracene (C19.43)	10.638	3011772	15.484 ug/ml
12) T Fluoranthene (C21.85)	12.366	3171413	17.390 ug/mlm
13) T Pyrene (C20.8)	12.662	3260639	17.468 ug/ml
14) T Benzo[a]anthracene (C...	14.530	2673731	18.687 ug/mlm
15) T Chrysene (C27.41)	14.571	3184451	16.499 ug/ml
16) T benzo[b]fluoranthene ...	16.075	2741865	19.001 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.105	2687573	15.626 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.454	2457908	16.927 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.815	2377326	22.988 ug/mlm
20) T Dibenz[a,h]anthracene...	17.850	2686506	19.091 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.065	2605982	20.470 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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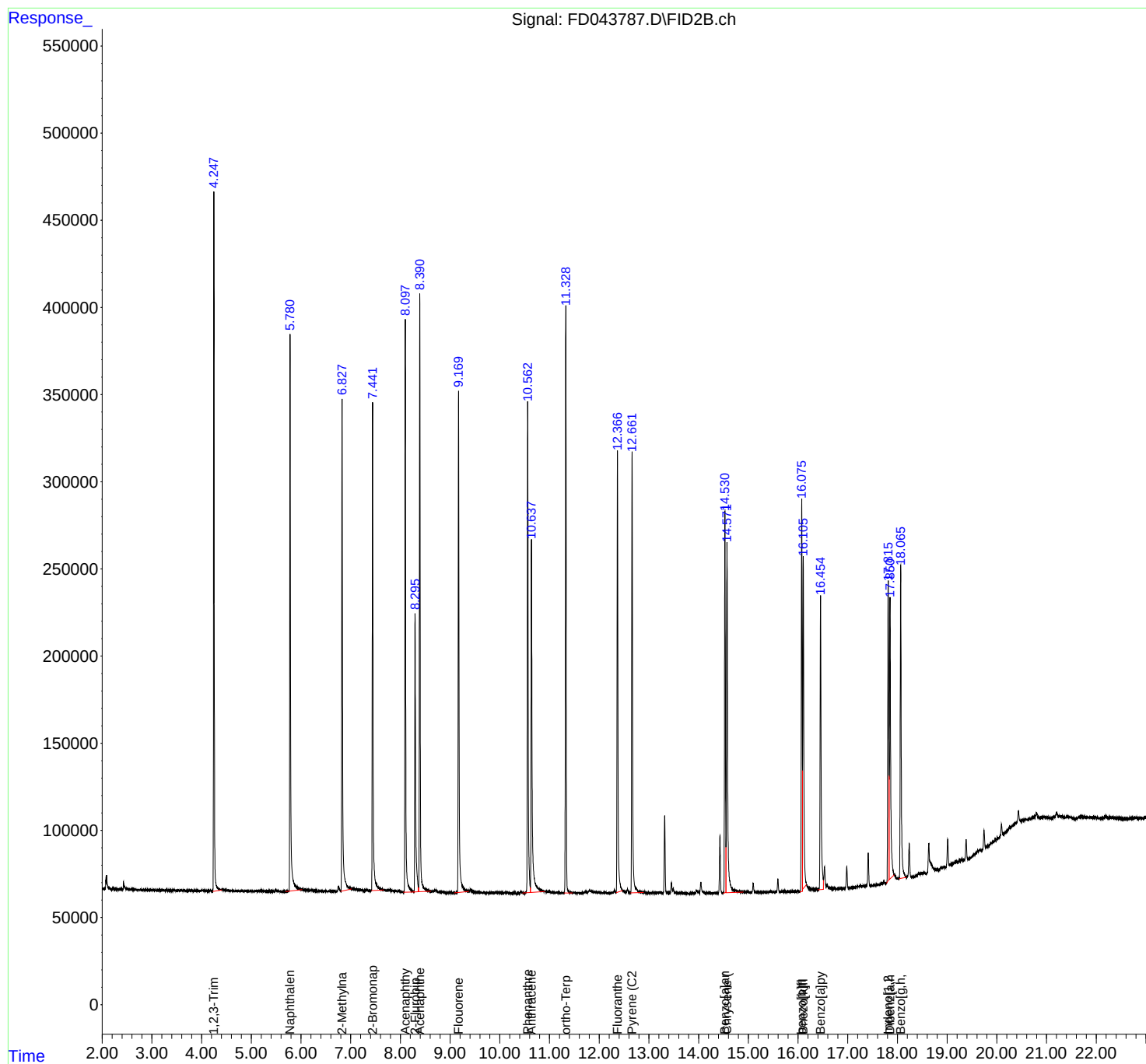
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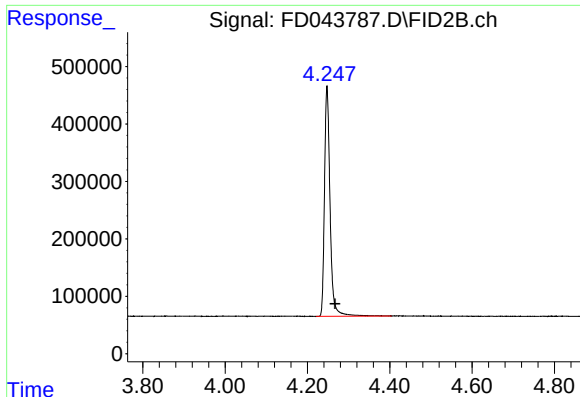
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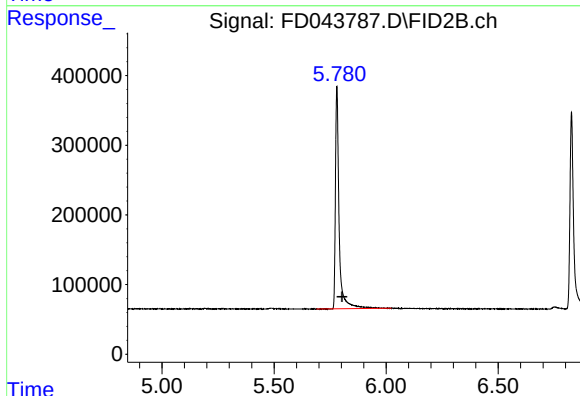
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.248 min
Delta R.T.: -0.019 min
Response: 3777683
Conc: 18.97 ug/ml

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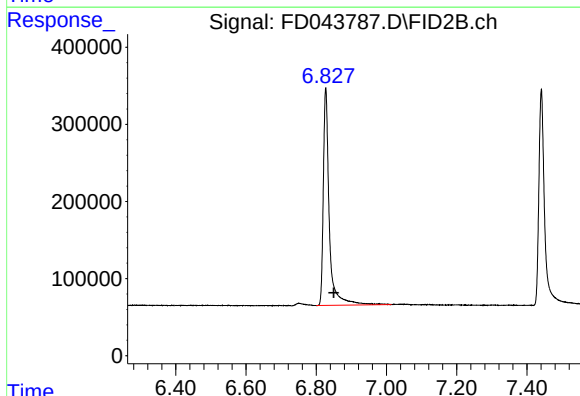
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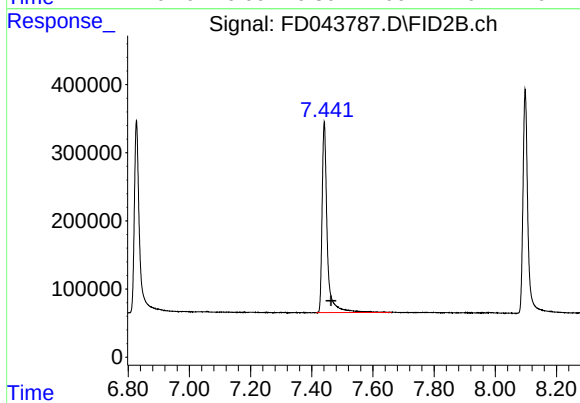
#2 Naphthalene (C11.7)

R.T.: 5.780 min
Delta R.T.: -0.023 min
Response: 3685875
Conc: 18.34 ug/ml



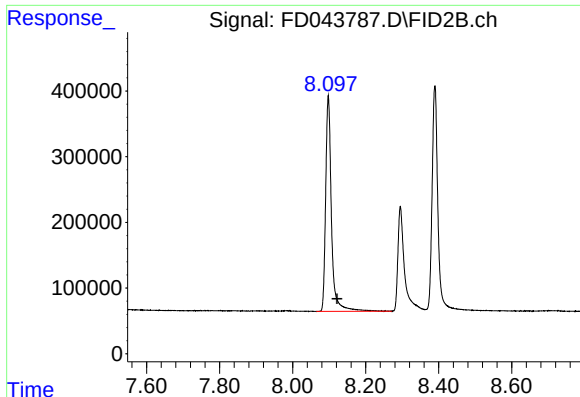
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.827 min
Delta R.T.: -0.023 min
Response: 3337116
Conc: 18.49 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.441 min
Delta R.T.: -0.022 min
Response: 3251652
Conc: 18.82 ug/ml



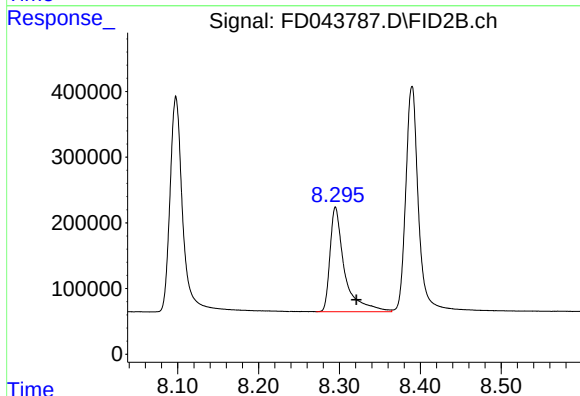
#5 Acenaphthylene (C15.06)

R.T.: 8.098 min
Delta R.T.: -0.023 min
Response: 3639049
Conc: 18.21 ug/ml

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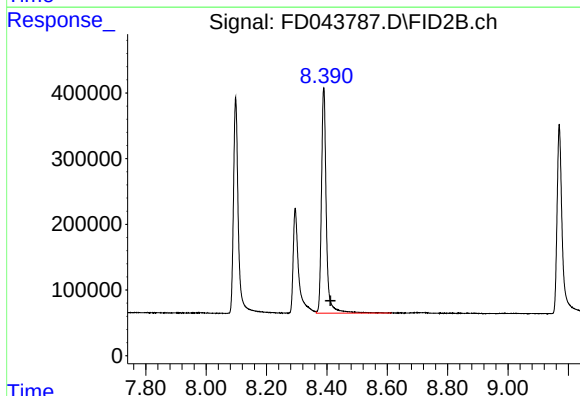
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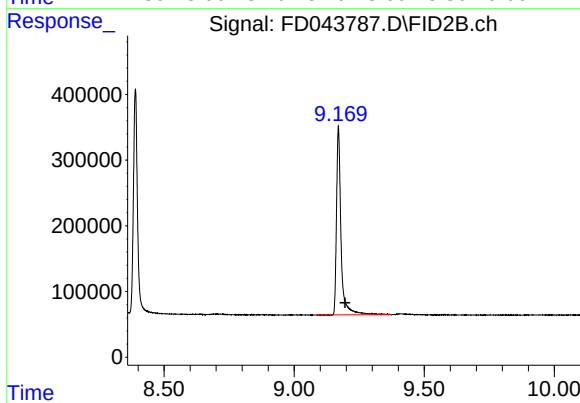
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.296 min
Delta R.T.: -0.025 min
Response: 1997156
Conc: 19.85 ug/ml



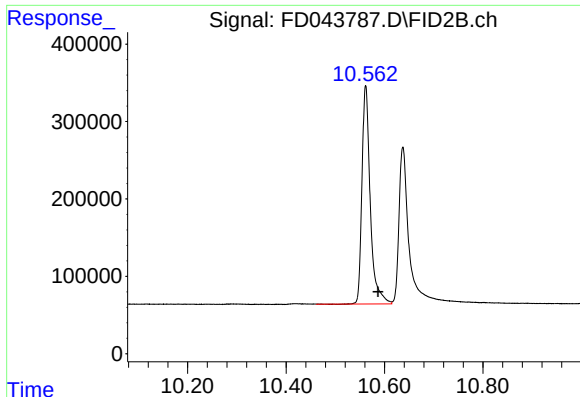
#7 Acenaphthene (C15.5)

R.T.: 8.390 min
Delta R.T.: -0.023 min
Response: 3832254
Conc: 17.83 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.171 min
Delta R.T.: -0.025 min
Response: 3479957
Conc: 18.15 ug/ml



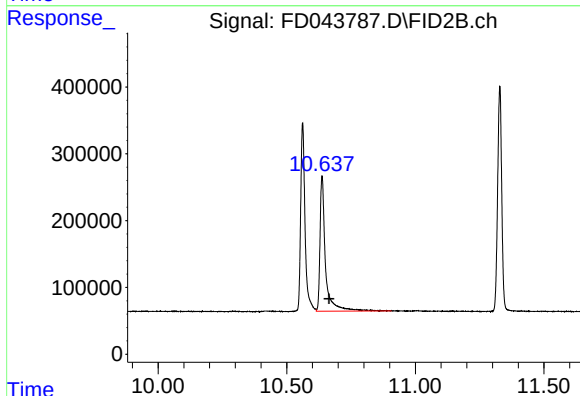
#9 Phenanthrene (C19.36)

R.T.: 10.562 min
Delta R.T.: -0.025 min
Response: 3315218
Conc: 18.44 ug/ml

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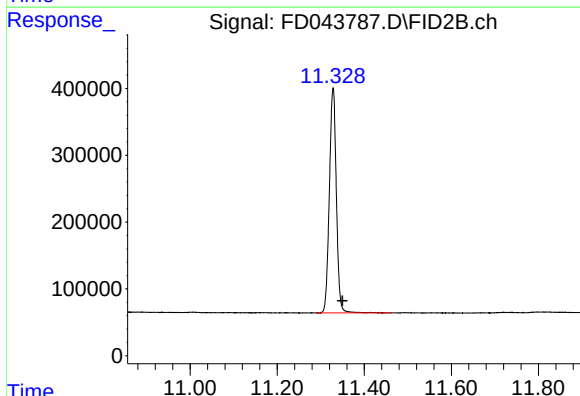
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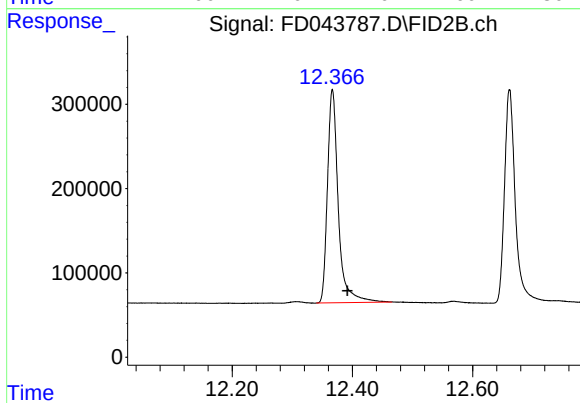
#10 Anthracene (C19.43)

R.T.: 10.638 min
Delta R.T.: -0.026 min
Response: 3011772
Conc: 15.48 ug/ml



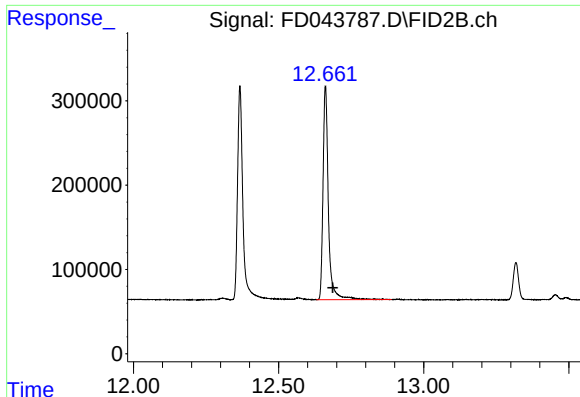
#11 ortho-Terphenyl (SURR)

R.T.: 11.328 min
Delta R.T.: -0.022 min
Response: 3750311
Conc: 17.93 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.366 min
Delta R.T.: -0.025 min
Response: 3171413
Conc: 17.39 ug/ml m



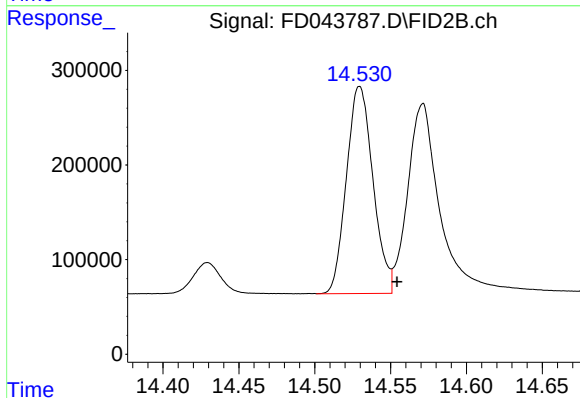
#13 Pyrene (C20.8)

R.T.: 12.662 min
Delta R.T.: -0.025 min
Response: 3260639
Conc: 17.47 ug/ml

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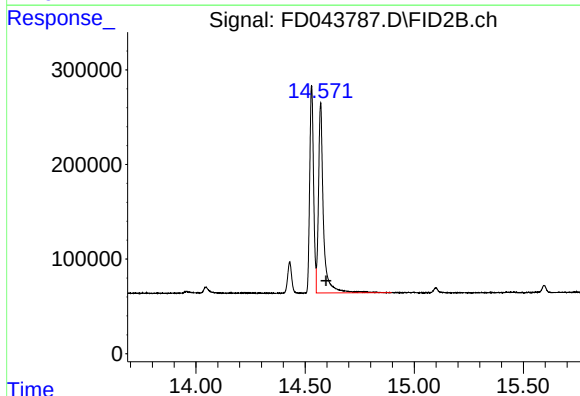
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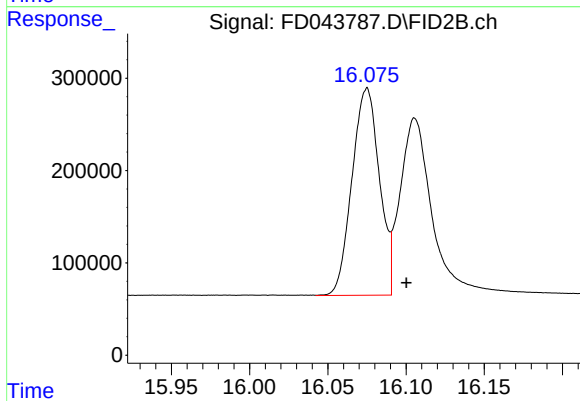
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.530 min
Delta R.T.: -0.025 min
Response: 2673731
Conc: 18.69 ug/ml m



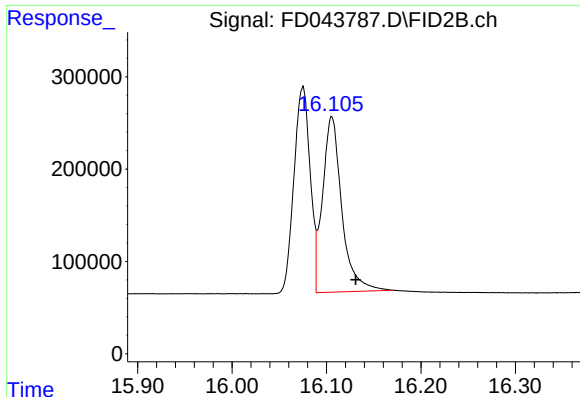
#15 Chrysene (C27.41)

R.T.: 14.571 min
Delta R.T.: -0.026 min
Response: 3184451
Conc: 16.50 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.075 min
Delta R.T.: -0.025 min
Response: 2741865
Conc: 19.00 ug/ml m



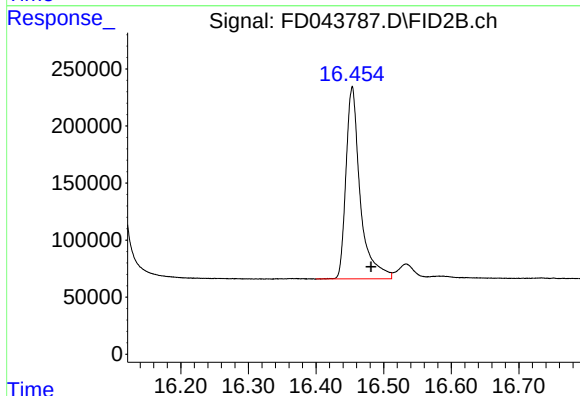
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.105 min
Delta R.T.: -0.026 min
Response: 2687573
Conc: 15.63 ug/ml

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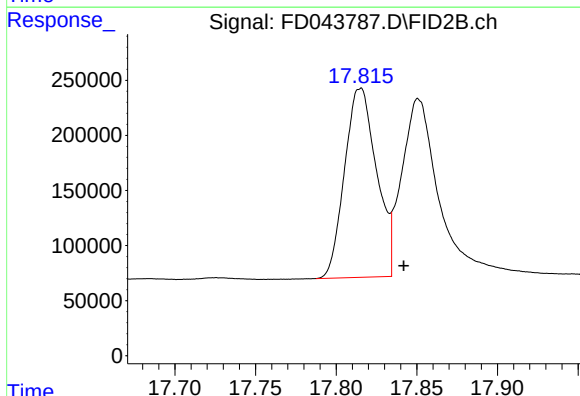
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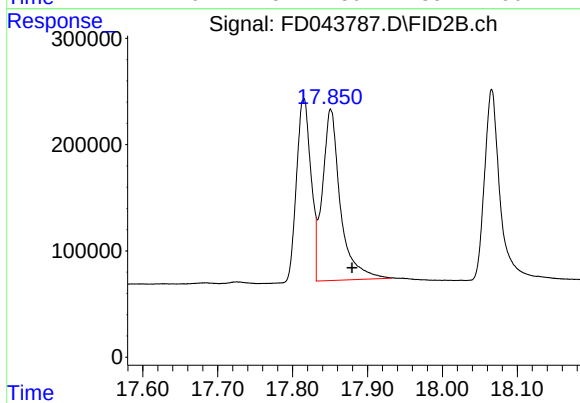
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.454 min
Delta R.T.: -0.028 min
Response: 2457908
Conc: 16.93 ug/ml



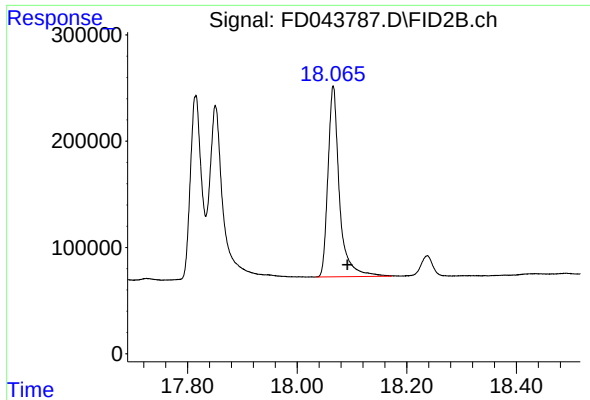
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.815 min
Delta R.T.: -0.026 min
Response: 2377326
Conc: 22.99 ug/ml m



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.850 min
Delta R.T.: -0.029 min
Response: 2686506
Conc: 19.09 ug/ml m



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.065 min
Delta R.T.: -0.026 min
Response: 2605982
Conc: 20.47 ug/ml

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